

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010522\
 Data File : PL071807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2022 10:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/06/2022
 Supervised By : Ankita Jodhani 01/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 06 00:35:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:51:06 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.558	5.494	10098539	27103183	21.861	22.059
28)	SA Decachlor...	10.319	11.387	16974630	26494360	23.477	22.358
Target Compounds							
2)	A alpha-BHC	5.263	6.075	6316644	18411671	10.230	10.560
3)	MA gamma-BHC...	5.686	6.471	6117336	16949493	10.050	10.478
6)	B beta-BHC	6.070	6.730	3548875	8634191	13.117	12.084
12)	B 4,4'-DDE	7.553	8.496	172863	365191	0.312m	0.290
14)	MA Endrin	7.974	8.888	29250031	58883768	55.349	56.896
16)	A 4,4'-DDD	8.142	9.035	1942306	3931431	4.034	4.089
17)	MA 4,4'-DDT	8.402	9.352	56710518	109.0E6	118.826	115.572
18)	B Endrin al...	8.474	9.259	500060	751896	1.102m	0.886m
20)	A Methoxychlor	8.997	9.840	79314646	140.1E6	256.268	284.548
21)	B Endrin ke...	9.220	9.993	1927884	2614069	2.782m	2.316

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Acq On : 05 Jan 2022 10:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

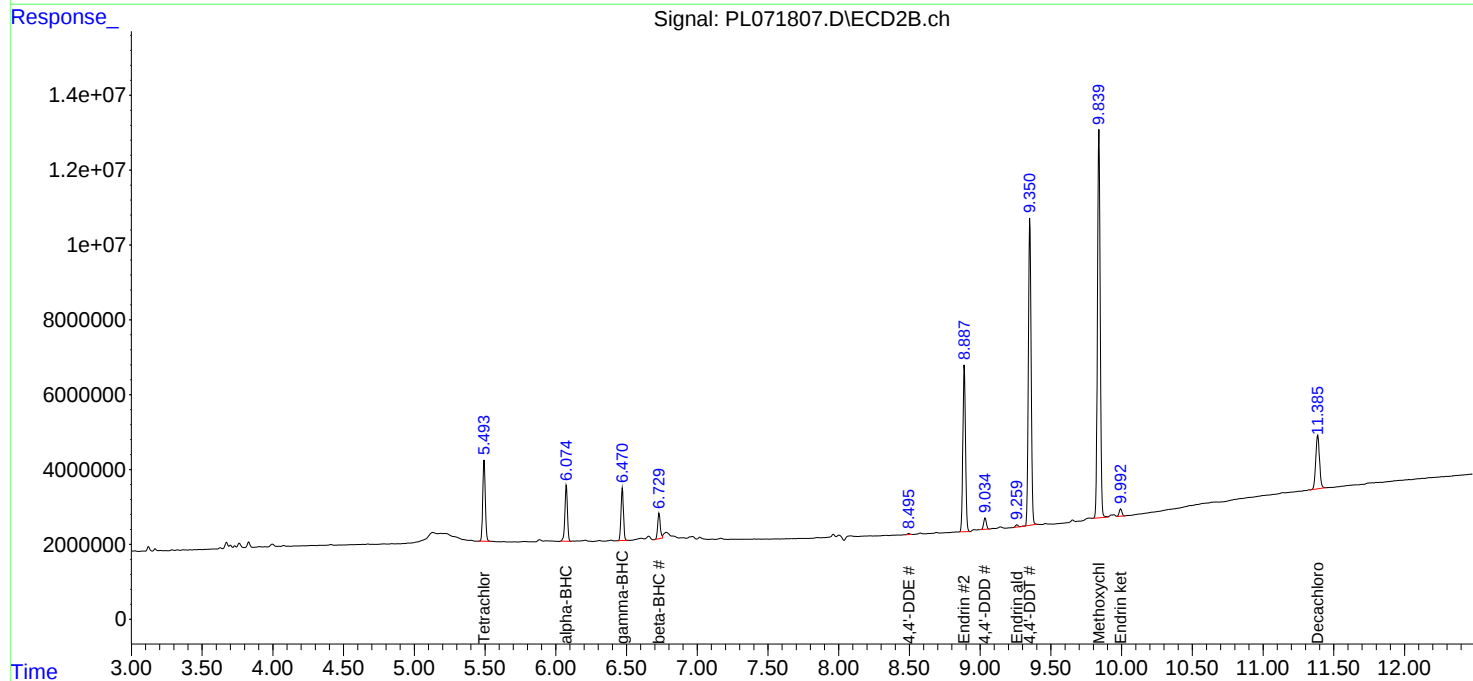
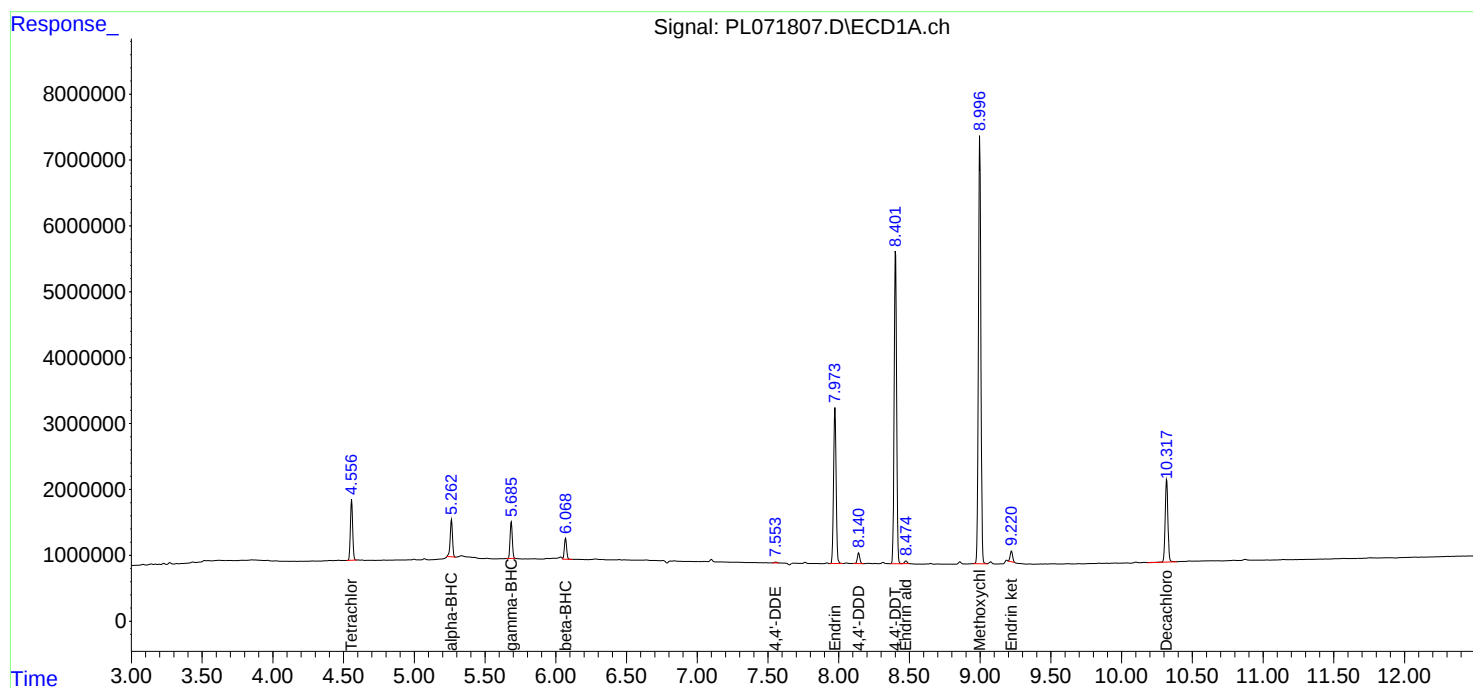
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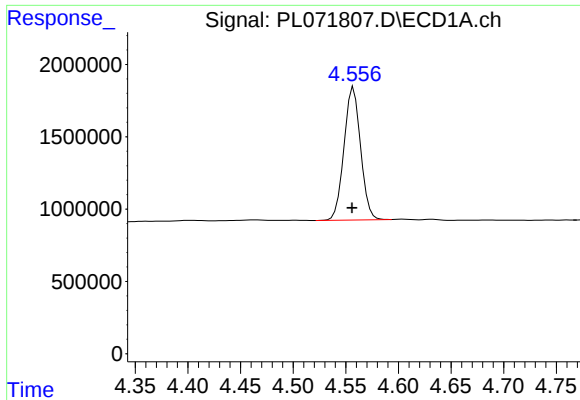
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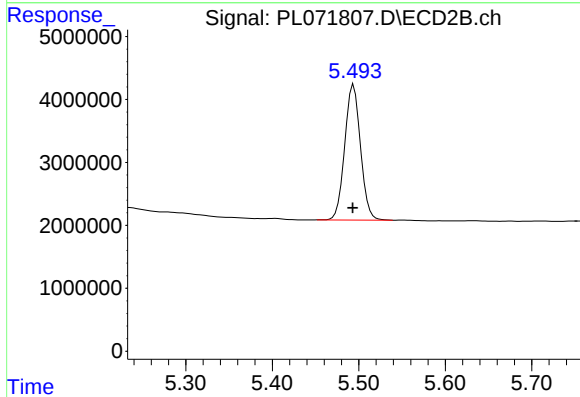
#1 Tetrachloro-m-xylene

R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 10098539
Conc: 21.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

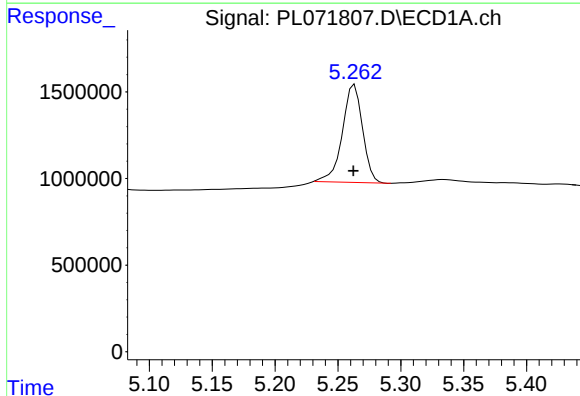
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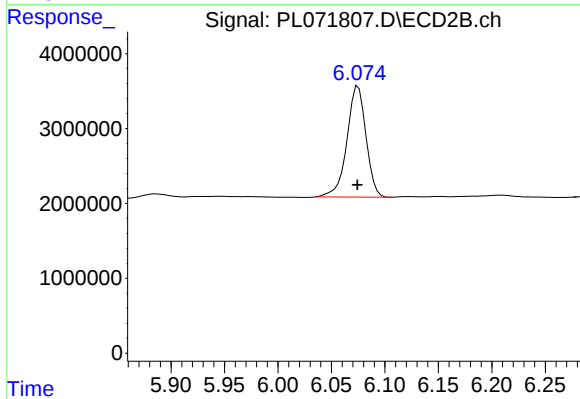
#1 Tetrachloro-m-xylene

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 27103183
Conc: 22.06 ng/ml



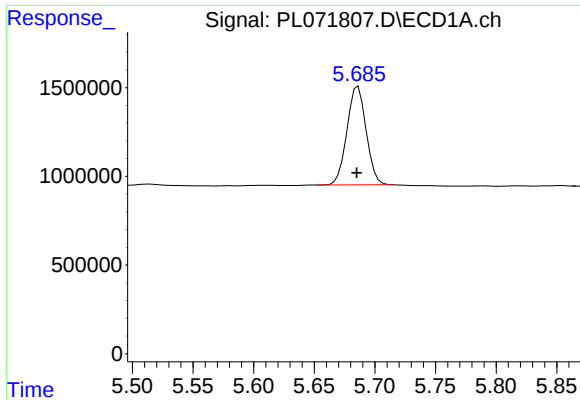
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 6316644
Conc: 10.23 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 18411671
Conc: 10.56 ng/ml



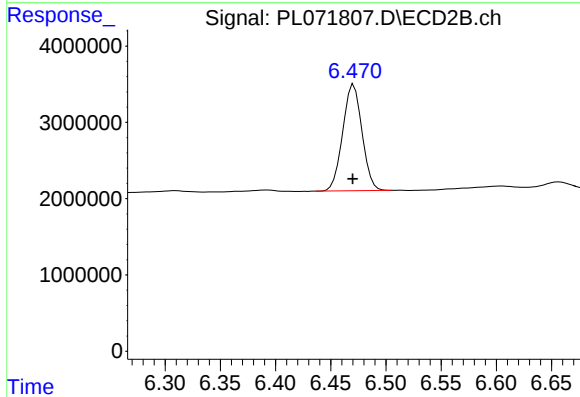
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: 0.001 min
Response: 6117336
Conc: 10.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

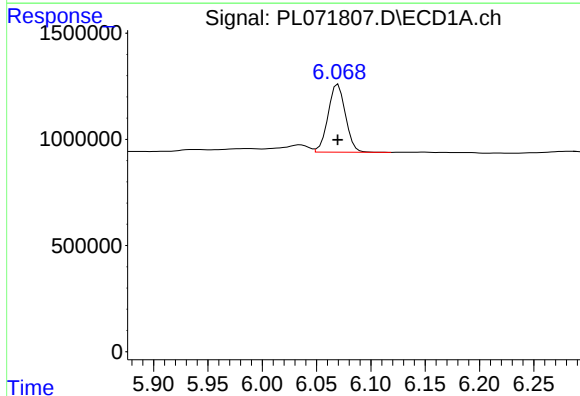
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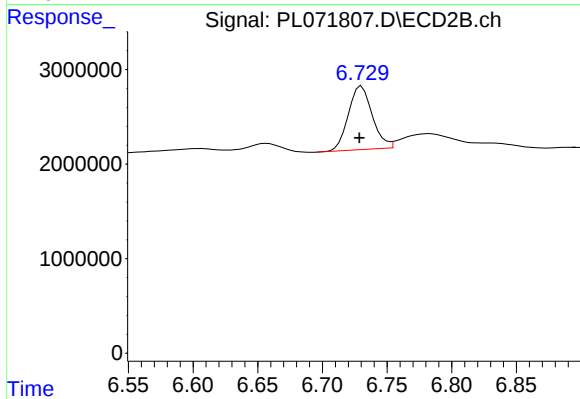
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 16949493
Conc: 10.48 ng/ml



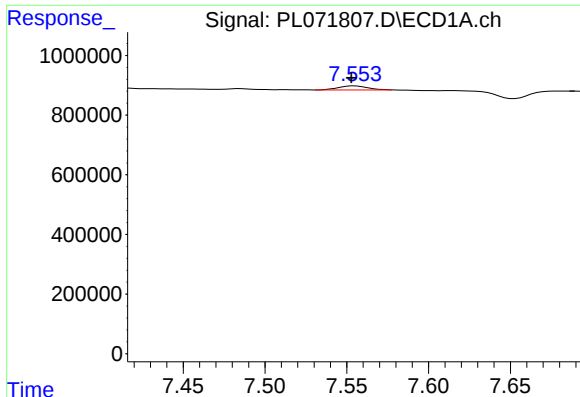
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 3548875
Conc: 13.12 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.002 min
Response: 8634191
Conc: 12.08 ng/ml



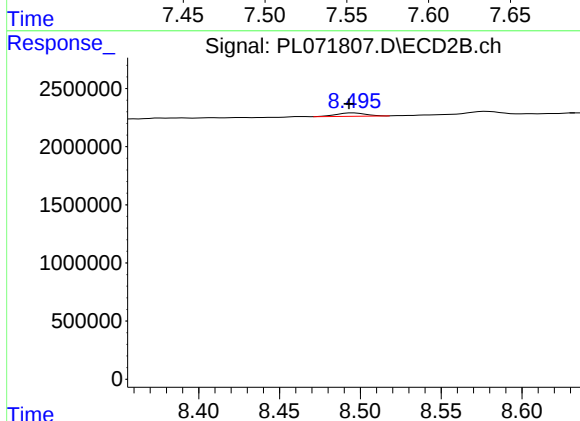
#12 4,4'-DDE

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 172863
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

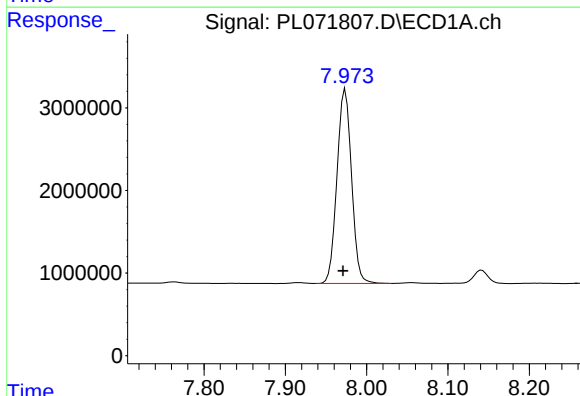
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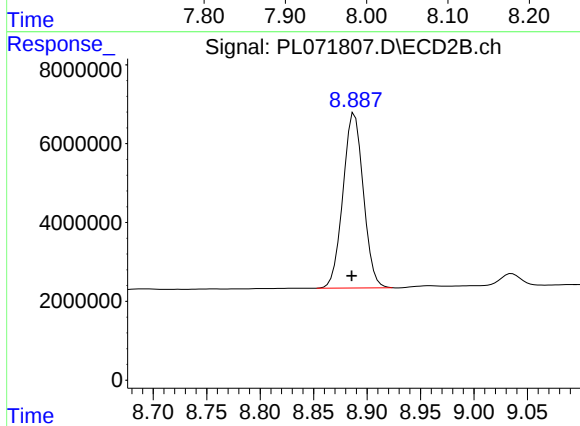
#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: 0.003 min
Response: 365191
Conc: 0.29 ng/ml



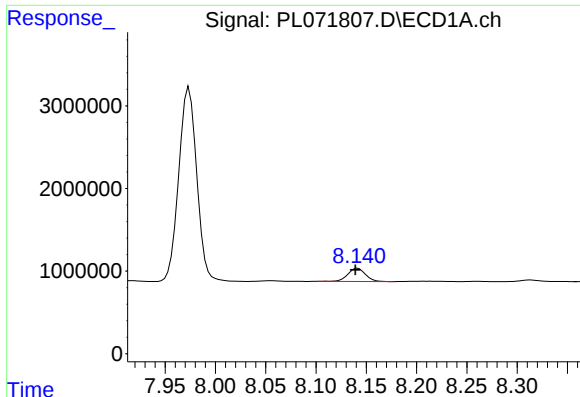
#14 Endrin

R.T.: 7.974 min
Delta R.T.: 0.003 min
Response: 29250031
Conc: 55.35 ng/ml



#14 Endrin

R.T.: 8.888 min
Delta R.T.: 0.003 min
Response: 58883768
Conc: 56.90 ng/ml



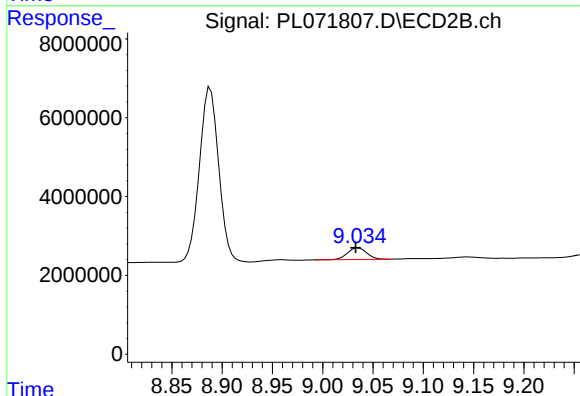
#16 4,4'-DDD

R.T.: 8.142 min
Delta R.T.: 0.003 min
Response: 1942306
Conc: 4.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

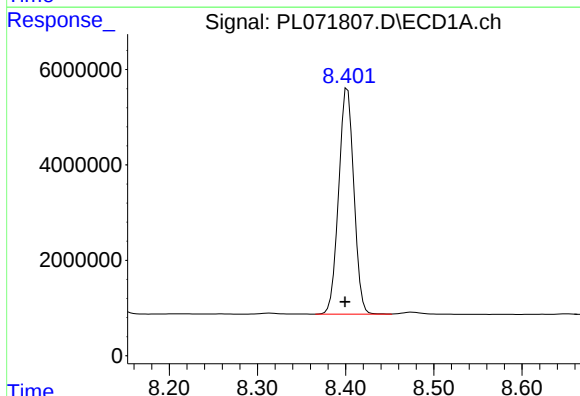
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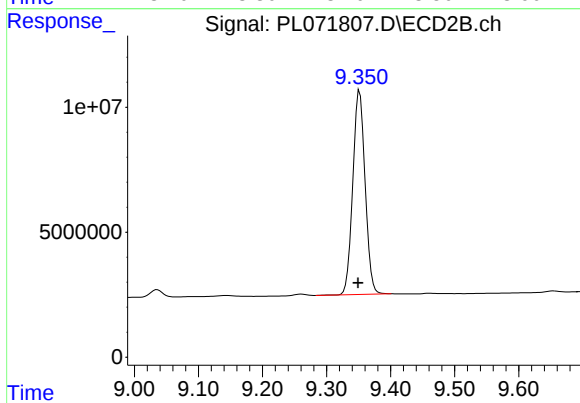
#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: 0.003 min
Response: 3931431
Conc: 4.09 ng/ml



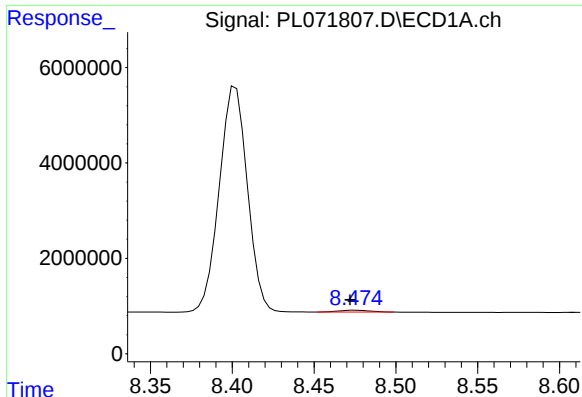
#17 4,4'-DDT

R.T.: 8.402 min
Delta R.T.: 0.003 min
Response: 56710518
Conc: 118.83 ng/ml



#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.002 min
Response: 108987119
Conc: 115.57 ng/ml



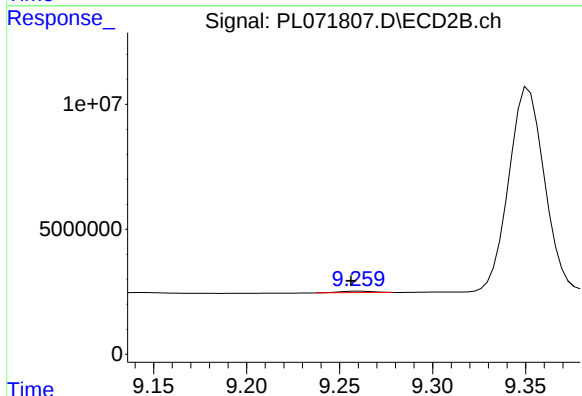
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: 0.002 min
Response: 500060
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

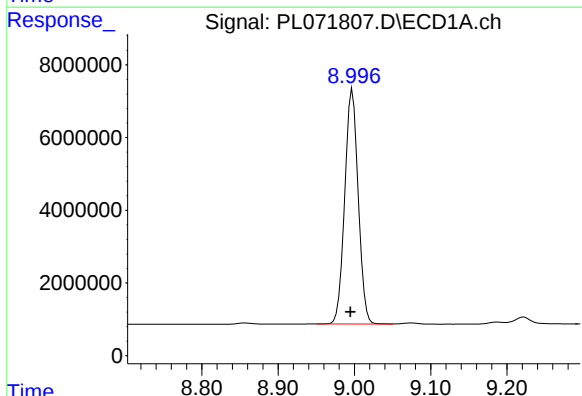
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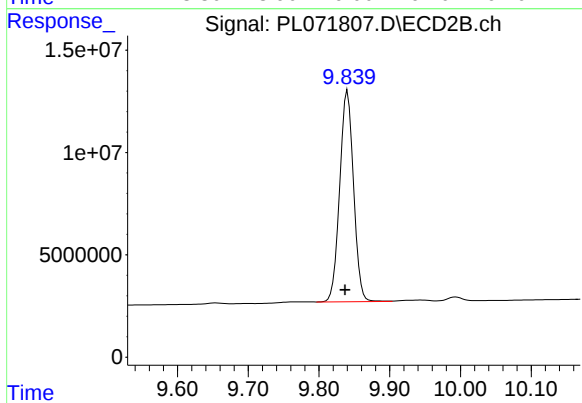
#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: 0.002 min
Response: 751896
Conc: 0.89 ng/ml m



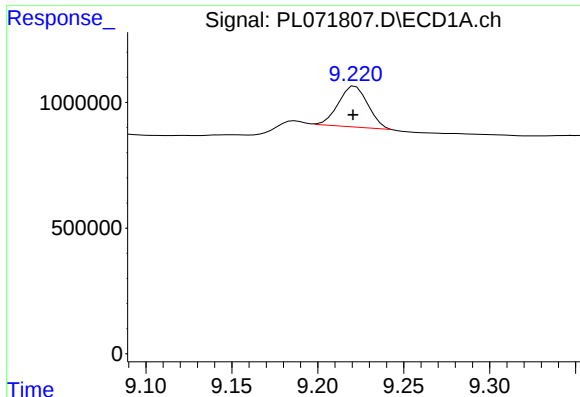
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: 0.002 min
Response: 79314646
Conc: 256.27 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: 0.003 min
Response: 140116886
Conc: 284.55 ng/ml



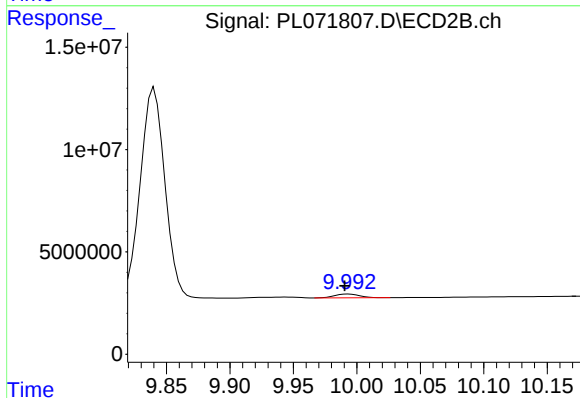
#21 Endrin ketone

R.T.: 9.220 min
Delta R.T.: 0.000 min
Response: 1927884
Conc: 2.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

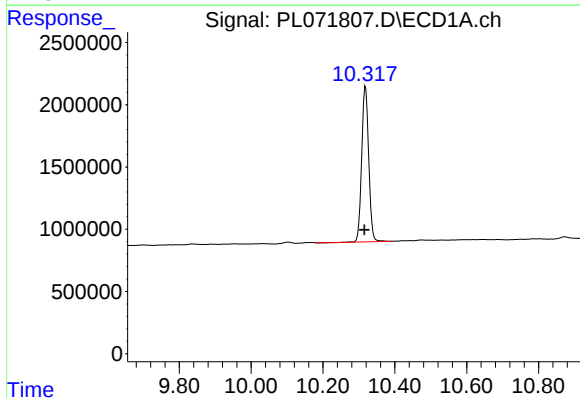
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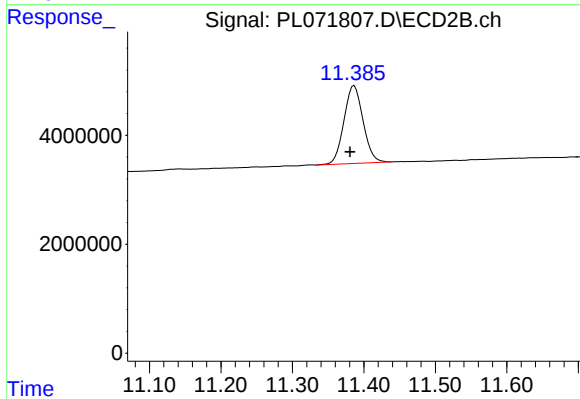
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: 0.003 min
Response: 2614069
Conc: 2.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.319 min
Delta R.T.: 0.003 min
Response: 16974630
Conc: 23.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.387 min
Delta R.T.: 0.006 min
Response: 26494360
Conc: 22.36 ng/ml